

WHAT IS CLAIMED IS:

1. A method comprising:
receiving (602), by a first messaging application (120) executing on a first node (110) of a mesh network, content for a first message from an agent (130) executing on the first node, the first message being for a first message group (202); and
transmitting (612), by the first messaging application, a composite message (312) to a second messaging application (120) executed by a second node (110) of the mesh network, the composite message including the first message and a second message for a second message group (202).
2. The method of claim 1, further comprising:
prior to the transmitting, verifying, by the first messaging application, that a policy permits the agent to deliver the first message to the first message group.
3. The method of claim 1 or 2, wherein:
the composite message includes the first message in a first message group section (308) associated with the first message group; and
the composite message includes the second message in a second message group section (308) associated with the second message group.
4. The method of any one of claims 1-3, further comprising:
encrypting (604), by the first messaging application, the first message with a first cryptographic key (302) that is associated with the first message group;
and
encrypting (608), by the first messaging application, the second message with a second cryptographic key (302) that is associated with the second message group.

5. The method of claim 4, wherein encrypting the first message further comprises encrypting the content for the first message and additional data with the first cryptographic key.
6. The method of claim 4, wherein encrypting the first message further comprises encrypting the first message with the first cryptographic key based on an encryption initialization vector, and wherein the composite message includes the encryption initialization vector.
7. The method of any one of claims 1-6, wherein the composite message includes a third message that is not associated with any message group.
8. The method of claim 7, wherein the third message is encrypted by the first messaging application with a default cryptographic key (302-3) that is not associated with any message group.
9. The method of claim 1, further comprising:
 - receiving, by the first messaging application, a second composite message (312), the second composite message including a third message for the first message group and a fourth message for the second message group;
 - and
 - delivering, by the first messaging application, content from the third message to at least one agent (130) executing on the first node, wherein the at least one agent is included in the first message group.
10. The method of claim 9, wherein:
 - the second composite message includes the third message in a first message group section (308) associated with the first message group; and
 - the second composite message includes the fourth message in a second message group section (308) associated with the second message group.

11. The method of claim 9 or 10, further comprising decrypting, by the first messaging application, the third message with a first cryptographic key (302) that is associated with the first message group to generate the content for the third message.
12. The method of claim 11, wherein decrypting the third message further comprises decrypting (704) the first message with the first cryptographic key based on an encryption initialization vector, and wherein the second composite message includes the encryption initialization vector.
13. The method of any one of claims 9-12, wherein:
the second composite message includes a fifth message that is not associated with any message group; and
the method further comprises delivering, by the first messaging application and to the at least one agent (130), content from the fifth message.
14. The method of claim 13, further comprising decrypting, by the first messaging application, the fifth message included in the second composite message with a default cryptographic key (302-2) that is not associated with any message group to generate the content from the fifth message.
15. One or more computer readable media storing instructions that, when executed by one or more processors of the first node, cause the one or more processors to execute the method of any one of claims 1-14.